

Table SPBS-34

S&E research portfolios of selected region, country, or economy, by field: 2020

(Percent)

Field	World	United States	EU-27 ^a	China	Japan	India	United Kingdom
All articles (n)	2,940,807	455,856	573,765	669,744	101,014	149,213	105,564
Agricultural sciences	2.35	1.26	2.40	2.65	1.09	2.08	0.82
Astronomy and astrophysics	0.49	0.81	0.73	0.20	0.61	0.32	1.02
Biological and biomedical sciences	12.71	14.28	13.09	10.97	13.39	11.74	12.36
Chemistry	6.07	3.43	5.71	8.30	7.80	8.19	3.80
Computer and information sciences	9.75	6.49	8.81	11.98	8.11	17.56	7.34
Engineering	15.50	11.12	12.63	23.79	13.00	17.02	10.68
Geosciences, atmospheric sciences, and ocean sciences	2.92	2.96	2.87	3.06	2.20	1.79	3.02
Health sciences	25.07	36.62	27.52	15.41	32.30	16.15	33.32
Materials science	3.27	1.30	2.43	5.19	3.23	6.67	1.58
Mathematics and statistics	2.57	2.17	2.81	2.30	1.89	2.76	2.12
Natural resources and conservation	3.22	1.55	2.96	4.28	1.63	2.86	1.99
Physics	8.88	5.90	8.22	10.09	11.90	10.88	6.17
Psychology	1.98	3.88	2.86	0.50	0.99	0.28	4.02
Social sciences	5.23	8.23	6.96	1.28	1.85	1.71	11.75

EU = European Union.

^a Beginning in 2020, the United Kingdom was no longer a member of the EU.**Note(s):**

Articles refer to publications from a selection of conference proceedings and peer-reviewed journal articles in S&E fields from Scopus. Articles are classified by their year of publication and are assigned to a region, country, or economy on the basis of the institutional address(es) of the author(s) listed in the article. Articles are credited on a fractional count basis (i.e., for articles from multiple countries, each country receives fractional credit on the basis of the proportion of its participating authors). Percentages may not add to 100% because of rounding. Data are not directly comparable to *Science and Engineering Indicators 2020*; see Technical Appendix section on data filters. Cell shading is darker blue for the scientific fields in which a country or economy has the largest percentage, and darker orange denotes the smallest percentage for that country. See Table SPBS-2 through Table SPBS-16 for source data.

Source(s):

National Center for Science and Engineering Statistics; Science-Metrix; Elsevier, Scopus abstract and citation database, accessed May 2021.

Science and Engineering Indicators